AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A heavy duty pneumatic tire comprising a carcass layer, an innerliner layer and an inner face protection layer arranged therebetween, characterized in that the inner face protection layer is comprised of a rubber layer A adjacent to the innerliner layer and a rubber layer B adjacent to the carcass layer, and each rubber composition of the carcass layer and the rubber layer B is compounded with a rubber component, sulfur and a cobalt compound of an organic acid, and an amount of sulfur compounded satisfies the following equations (I) and (II):

$$S_A < S_B \leq S_C \quad \cdots\cdots (I)$$

$$2 \leq S_A \leq 4 \quad \cdots\cdots (II)$$

(wherein S_A, S_B and S_C are an amount of sulfur compounded in the rubber composition constituting the rubber layer A, rubber layer B and the carcass layer, respectively, based on 100 parts by mass of the rubber component) and an elongation at break of the rubber composition constituting the rubber layer A is 1.00-1.45 times an elongation at break of the rubber composition constituting the rubber layer B.

2. (original): A heavy duty pneumatic tire according to claim 1, wherein S_B is not less than 4.

3. (canceled).

4. (previously presented): A heavy duty pneumatic tire according to claim 1, wherein the rubber component in each of the rubber layer A, rubber layer B and carcass layer is natural rubber or a rubber blend containing not less than 70% by mass of natural rubber.

5. (new): A heavy duty pneumatic tire according to claim 1, wherein the amount of sulfur compounded in the rubber composition constituting the rubber layer A satisfies the following equation:

$$2 \leq S_A \leq 2.5$$

(wherein S_A is the amount of sulfur compounded in the rubber composition constituting the rubber layer A based on 100 parts by mass of the rubber component).